

J1031 U.S. PTO
04/23/01

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Approved for use through 10/31/2002, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	230600-430
First Inventor	Bina Kunal Thakkar
Title	Protocol Encoder and Decoder
Express Mail Label No.	EF109462847US

PTO
09/04/06
JC973 U.S.
04/23/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 60]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 35]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - b. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

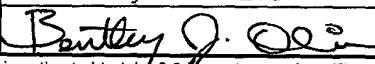
of prior application No. _____ / _____

Prior application information. Examiner _____

Group Art Unit. _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24239 (Insert Customer No. or Attach bar code label here)		AND	<input checked="" type="checkbox"/> Correspondence address below
Name	Bentley J. Olive			
Address	Moore & Van Allen, PLLC			
	2200 W. Main Street, Suite 800			
City	Durham	State	NC	Zip Code
Country	USA	Telephone	919- 286-8000	Fax
Name (Print/Type)		Registration No. (Attorney/Agent)		44,985
Signature				Date 04-23-01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1548.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Bina Kunal Thakkar
Examiner Name	
Group Art Unit	
Attorney Docket No.	230600-430

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	13-4365
Deposit Account Name	Moore & Van Allen, PLLC

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity (\$)	Small Entity (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	390	216	195 Extension for reply within second month	
117	890	217	445 Extension for reply within third month	
118	1,390	218	695 Extension for reply within fourth month	
128	1,890	228	945 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,240	241	620 Petition to revive - unintentional	
142	1,240	242	620 Utility issue fee (or reissue)	
143	440	243	220 Design issue fee	
144	600	244	300 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101	710	201	355 Utility filing fee
106	320	206	160 Design filing fee
107	490	207	245 Plant filing fee
108	710	208	355 Reissue filing fee
114	150	214	75 Provisional filing fee
SUBTOTAL (1) (\$)			710.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
31	-20** = 11	X 18	= 198.00
Independent Claims	11 - 3** = 8	X 80	= 640.00
Multiple Dependent		270	= 0

Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)		
103	18	203	9 Claims in excess of 20
102	80	202	40 Independent claims in excess of 3
104	270	204	135 Multiple dependent claim, if not paid
109	80	209	40 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)			
838.00			

**or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)** 0

SUBMITTED BY

Complete if applicable

Name (Print/Type)	Bentley J. Olive	Registration No. (Attorney/Agent)	44,985	Telephone	919-286-8000
Signature	<i>Bentley J. Olive</i>			Date	04-23-01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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EXPRESS MAIL CERTIFICATE

EXPRESS MAIL LABEL NO.: EF109462847US

Date of Deposit: April 23, 2001

Inventor(s): Bina Kunal Thakkar

For: Protocol Encoder and Decoder

I hereby certify that the following documents:

Express Mail Certificate, and

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Fee Transmittal Form for FY 2001 (PTO/SB/17);
3. Declaration for Utility or Design Patent Application (37 CFR 1.63) (PTO/SB/01) (2 pages);
4. Power of Attorney or Authorization of Agent (PTO/SB/81) (1 page);
5. 60 Specification pages;
6. 35 Drawing sheets;
7. Check in the amount \$1548.00; and
8. A receipt acknowledgment postcard

are being deposited in a single envelope with the United States Postal Services "Express Mail" service under 37 C.F.R. 1.10 on the date indicated above and such envelope is addressed to:
Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Will McGivern

(Name of Person Mailing Documents)

Will McGivern

(Signature of Person Mailing Documents)